



IFC

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Information Application of

Yusuke SUZUKI

Group Art Unit: 3747

Application No.: 10/734,144

Filed: December 15, 2003

Docket No.: 117555

For: FAILURE DIAGNOSTIC APPARATUS AND FAILURE DIAGNOSTIC METHOD
FOR GAS CONCENTRATION DETECTING APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of the U.S. patent and patent application publication references are not attached.
- 4. An English language Abstract of the non-English language reference is attached hereto.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

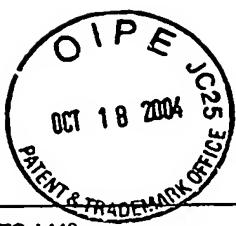
Thomas J. Pardini
Registration No. 30,411

JAO:TJP/nxy

Date: October 18, 2004

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117555	APPLICATION NO. 10/734,144	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Yusuke SUZUKI		
				FILING DATE December 15, 2003	GROUP 3747	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1.	4,951,632 A	08/28/1990	Yakuwa MASAHICO et al.	.	
<i>(See IDS filed on 12/15/2003)</i>						
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>KA</i>	2.	EP-A1-0-887-640	12/30/1998	EUROPEAN PATENT OFFICE	.	
<i>VA</i>	3.	EP-A2-1-202-048	05/02/2002	EUROPEAN PATENT OFFICE	.	
<i>KA</i>	4.	JP-A-58-027838 w/ abst.	02/18/1983	JAPAN	.	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <i>Hieu T. Vo</i>		DATE CONSIDERED <i>12/11/04</i>				
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: October 18, 2004

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yusuke SUZUKI

Application No.: New U.S. Patent Application

Filed: December 15, 2003

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				APPLICANT Yusuke SUZUKI			
				FILING DATE December 15, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
<i>KA</i>	1	US2002/0050455 A1	5/2/2002	KUROKAWA et al.		204	431
<i>KA</i>	2	4,951,632	8/28/1990	YAKUWA et al.		123	688
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
<i>KA</i>	3	JP U 58-154459	10/15/1983	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>Hieu T. Vo</i>				DATE CONSIDERED <i>12/11/2004</i>			
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